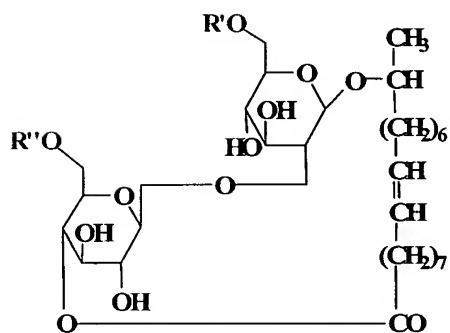
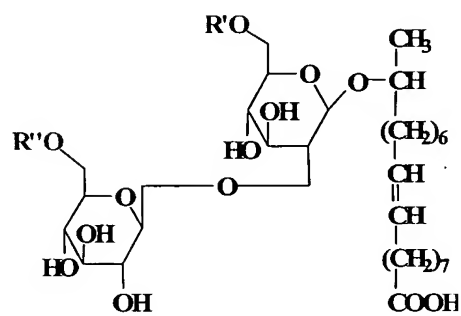


Figure 1: Structures of sophorolipids produced by *Candida bombicola*.



1. $R' = R'' = \text{Ac or H}$
2. $R' = \text{Ac}; R'' = \text{H}$
3. $R' = \text{H}; R'' = \text{Ac}$
4. $R' = R'' = \text{H}$

a. Lactonic sophorolipid



5. $R' = R'' = \text{Ac or H}$
6. $R' = \text{Ac}; R'' = \text{H}$
7. $R' = \text{H}; R'' = \text{Ac}$
8. $R' = R'' = \text{H}$

b. Open ring sophorolipid